

March 12, 2021

**VIA ELECTRONIC MAIL**

Luly E. Massaro, Commission Clerk  
Rhode Island Public Utilities Commission  
89 Jefferson Boulevard  
Warwick, RI 02888

**RE: Docket 5127 – 2021 Annual Retail Rate Filing  
Responses to Division Data Requests – Set 1**

Dear Ms. Massaro:

On behalf of The Narragansett Electric Company d/b/a National Grid (“National Grid” or the “Company”), enclosed<sup>1</sup>, please find the Company’s responses to the Division of Public Utilities and Carriers’ (“Division’s”) First Set of Data Requests in the above-referenced matter.

Thank you for your attention to this filing. If you have any questions, please contact me at 401-784-4263.

Sincerely,



Andrew S. Marcaccio

Enclosures

cc: Docket 5127 Service List  
John Bell, Division  
Al Mancini, Division  
Leo Wold, Esq.

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<sup>1</sup> Per Commission counsel’s update on October 2, 2020, concerning the COVID-19 emergency period, the Company is submitting an electronic version of this filing followed by five hard copies filed with the Clerk within 24 hours of the electronic filing.

Certificate of Service

I hereby certify that a copy of the cover letter and any materials accompanying this certificate was electronically transmitted to the individuals listed below.

The paper copies of this filing are being hand delivered to the Rhode Island Public Utilities Commission and to the Rhode Island Division of Public Utilities and Carriers.

\_\_\_\_\_  
Joanne M. Scanlon

March 12, 2021  
Date

**National Grid – 2021 Annual Retail Rate Filing - Docket No. 5127  
Service List Updated 2/15/2021**

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The Narragansett Electric Company  
d/b/a National Grid  
RIPUC Docket No. 5127  
In Re: 2021 Annual Retail Rate Filing  
Responses to the Divisions's First Set of Data Requests  
Issued on February 26, 2021

DIV 1-1

Request:

Please refer to Schedule NG-16, Column (a), Total Renewable Generation Credits. Please provide a breakdown of Renewable Generation credits for 2020 by Rate Class.

Response:

Please see below for a breakdown of Renewable Generation Credits issued in Calendar Year 2020. Please note that the monthly totals were rounded to the nearest dollar in Schedule NG-16, resulting in a \$2 difference in the totals between Schedule NG-16 and the table below.

<b>CY 2020 Net Metering Credits by Month and Rate Class</b>							
Year	Month	A16	A60	C06	G02	G32	Total
2020	1	(\$4,848)	(\$56)	(\$1,515,192)	(\$4,717)		(\$1,524,812)
	2	(\$11,989)	(\$153)	(\$1,928,875)	(\$2,378)		(\$1,943,395)
	3	(\$68,947)	(\$1,427)	(\$3,238,878)	(\$3,321)		(\$3,312,573)
	4	(\$70,497)	(\$1,377)	(\$2,891,564)	(\$8,318)		(\$2,971,756)
	5	(\$122,219)	(\$2,568)	(\$3,379,427)	(\$13,040)		(\$3,517,254)
	6	(\$188,251)	(\$3,862)	(\$3,518,481)	(\$18,493)	(\$136)	(\$3,729,221)
	7	(\$88,947)	(\$973)	(\$3,135,840)	(\$9,214)		(\$3,234,973)
	8	(\$39,911)	(\$348)	(\$3,185,568)	(\$4,399)		(\$3,230,225)
	9	(\$56,382)	(\$450)	(\$2,904,510)	(\$3,208)		(\$2,964,549)
	10	(\$64,316)	(\$842)	(\$2,961,975)	(\$4,166)		(\$3,031,299)
	11	(\$23,230)	(\$86)	(\$2,536,598)	(\$2,029)		(\$2,561,942)
	12	(\$6,196)		(\$2,237,562)	(\$1,340)		(\$2,245,098)
<b>2020 Total</b>		<b>(\$745,732)</b>	<b>(\$12,141)</b>	<b>(\$33,434,468)</b>	<b>(\$74,621)</b>	<b>(\$136)</b>	<b>(\$34,267,099)</b>

DIV 1-2

Request:

Please explain why the total Net Metering under recovery amount is allocated as a kWh charge and not by rate class.

Response:

The recovery of net metering credits provided to customers is described in the Company's Net Metering Provision, R.I.P.U.C. No. 2241, Sheets 11-12. Section IV, Cost Recovery, provides for the following:

IV. Cost Recovery

(1) Any prudent and reasonable costs incurred by the Company pursuant to achieving compliance with R.I. Gen. Laws § 39-26.2-3(a) and the annual amount of any Net Metering Credits provided to Net Metering Customers or Net Metered Accounts shall be aggregated by the Company and billed to all distribution customers on an annual basis through a uniform per kilowatt hour (kWh) Net Metering Charge embedded in the distribution component of the rates reflected on customer bills.

This approach complies with R.I. Gen. Laws § 39-26.4-3(c):

(c) Any prudent and reasonable costs incurred by the electric distribution company pursuant to achieving compliance with subsection (a) and the annual amount of any renewable net-metering credits or excess renewable net-metering credits provided to accounts associated with eligible net-metering systems or community remote net-metering systems, shall be aggregated by the distribution company and billed to all distribution customers on an annual basis through a uniform, per-kilowatt-hour (KWh) surcharge embedded in the distribution component of the rates reflected on customer bills.

Division 1-3

Request:

Please refer to file "Artuso- NECO Forecast 2021- Workbook Final", and answer the following:

- (a) Refer to tab "Summary MVA-2 Pg. 2":
  - i. Please explain in more detail why the PFT demand charge has increased by over \$15 million from 2020?
  - ii. Please explain the increase in Non-PFT demand charges.
  - iii. Please explain the increase in the BITS surcharge.
- (b) Refer to tab "PFT RATE MVA 4":
  - i. In Line 2, the Total Estimated PTO Plant Additions of \$1,263,000,000 is explained in the footnote to be the Forecasted Plant Additions 2021 from the PTO Forecast RWG Presentation August 19, 2020. Please explain where in the presentation the value comes from and how it is calculated.
  - ii. Please explain how the Estimated Carrying Charge percentage was calculated.
- (c) Refer to tab "NEP Sched 21-RR MVA-7":
  - i. Provide a summary of the Company's Non-PTF Additions in 2020 by Project that supports the Line 4 value of \$63,320,130.
  - ii. Provide a copy of the NEP Schedule 21 Billing that supports Lines 7-9 and 11.

Response:

- (a) Referring to tab "Summary MVA-2 Pg. 2":
  - i. The projected increase of over \$15 million in the ISO-NE PTF demand charge is driven by a projected increase in the RNS rate from \$119.51/kW-YR to \$138.37/kW-Year. Please refer to the response in PUC 1-35 which details how the forecasted RNS rates are calculated. Excerpts from PUC 1-35 are as follows:

"The \$119.51/KW-YR rate was the forecasted rate for the RNS rate period of June 1st, 2020 thru May 31st, 2021. This was calculated by taking the \$111.94/KW-YR RNS rate, effective June 1st, 2019, and factoring in a \$7.57/KW-YR forecast. The \$7.57/KW-YR forecast was derived by taking the forecasted \$148m revenue requirements based on \$1,076m plant additions expected in Calendar Year 2020 and dividing by the most recent Regional Network Load (RNL) from 2018. This was presented to the NEPOOL Reliability Committee / Transmission Committee's Summer Meeting on July 16 & 17, 2020 and is reflected in Attachment PUC 1-35-1 on Slide 5 as part of the NETO's 5-Year forecast."

Division 1-3, page 2

“The \$138.37/KW-YR rate is the forecasted rate for the RNS rate period of June 1st, 2021 thru May 31st, 2021. This was calculated by taking the \$129.26/KW-YR RNS rate, effective June 1st, 2020, and factoring in a \$9.11/KW-YR forecast. The \$9.11/KW-YR forecast was derived by taking the forecasted \$169m revenue requirements based on \$1,263m plant additions expected in Calendar Year 2021 and dividing by the most recent Regional Network Load (RNL) from 2019. This was presented to the NEPOOL Reliability Committee / Transmission Committee's Summer Meeting on August 19-20, 2020 and is reflected in Attachment PUC 1-35-4 on Slide 5 as part of the NETO's 5-Year forecast.”

- ii. The approximately \$3.4 million projected increase in NECO's Non-PTF demand charge is driven by its share of the projected increase in New England Power Company's Local Network Service revenue requirement.

The Estimated 2021 Non-PTF Revenue Requirement, line 3 in Schedule MVA-7 in PUC Docket 5127, was \$156,982,365. This was an approximately \$16.2 million increase from the prior years' forecast of \$140,788,795, in Schedule MVA-6 in PUC Docket 5005. The actual 2020 Non-PTF Revenue Requirement, line 1 in Schedule MVA-7, was \$148,682,674. An increase of approximately \$7.9m from the estimated amount.

As a result, the approximately \$16.2 million increase is driven by the forecast to actual increase of \$7.9 million, along with a forecasted \$8.3m increase due to \$63.3m of Non-PTF plant additions.

- iii. Please refer to the response in PUC 1-7 which states “The increase of approximately \$2.5m is the result of the approximately \$30.8m capital costs related to the reburial of the cable, which are not already covered by the surcharge rate level set for the 2020 rate period.”

Division 1-3, page 3

- (b) Referring to tab "PTF RATE MVA 4":
- i. Please see Attachment DIV 1-3(b), which is the PTO Forecast RWG Presentation from August 19, 2020. The Total Estimated PTO Plant Additions of \$1,263,000,000 is sourced on Slide 5 line 1 and represents an aggregated view of all NETOs based on their forecasts for 2021.
  - ii. The estimated carrying charge is calculated based on information presented in the RWG Presentation. The 13.38% carrying charge is calculated by dividing the forecasted revenue requirement of \$169 million on line 2 by the forecasted plant additions of \$1,263 million on line 1. These figures represent an aggregated view of all NETOs based on their forecasts for 2021.
  - iii.
- (c) Referring to tab "NEP Sched 21-RR MVA-7":
- i. Please see Attachment DIV 1-3(c)(i) which provides a summary supporting New England Power Company's forecasted Non-PTF plant additions of \$63,320,130 in 2021.
  - ii. Please see Attachment DIV 1-3(c)(ii) which provides New England Power Company's Schedule 21-NEP billing supporting line 7-9 and 11 in "NEP Sched 21-RR MVA-7".

# RNS Rates: 2020 – 2024 PTF Forecast

**PTO AC – Rates Working Group – Presentation**

**NEPOOL Reliability Committee/Transmission Committee – Summer Meeting**

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**August 18, 2020**

# 2020 Forecast Comparison - Summary

- Three factors contribute to a variance:
  - Capital additions in-service and CWIP
  - Carrying charge factors
  - Average 12CP RNS loads
- Actual June 1, 2020 RNS rate forecast reflects:
  - Updated PTF additions in-service and CWIP
  - Based on 2019 carrying charge factors
  - Based on 2019 average 12CP RNS load
  - These updates caused a \$0.36 kW/yr. increase in the RNS rate relative to what was projected for 2020 last year.

# 2020 Forecast Comparison - Detail

The Narragansett Electric Company  
d/b/a National Grid  
RIPUC Docket No. 5127  
Attachment DIV 1-3(b)  
Page 3 of 6

		2020 Forecast (Provided at the 2019 RC/TC Summer Meeting)		June 1, 2020 Billed RNS Rate		
(A)	(B)	(C)	(D)	(E)	(F)	
Participating Transmission Owner	2020 Projected PTF Additions (including CWIP) (\$ in Millions)	Forecasted RNS Revenue Requirements (\$ in Millions)	2020 Projected PTF Additions (including CWIP) (\$ in Millions)	Forecasted RNS Revenue Requirements (\$ in Millions)	Variance Impact (\$/kW-Yr)	
1	Central Maine Power	\$ 46	\$ 6	\$ 38	\$ 5	\$ (0.06)
2	CTMEEC	-	-	-	-	-
3	Emera Maine	3	-	3	-	-
4	Eversource (CL&P)	161	21	286	41	1.13
5	Eversource (PSNH)	167	26	185	29	0.22
6	Eversource (NSTAR West)	58	8	84	12	0.24
7	Eversource (NSTAR East)	255	29	173	21	(0.36)
8	Maine Electric Power Company	33	5	16	3	(0.10)
9	National Grid	215	30	151	22	(0.38)
10	NHT	30	5	27	5	0.01
11	United Illuminating	69	12	29	5	(0.35)
12	VT Transco	37	6	35	5	(0.04)
13	All Other PTOs	2	-	4	1	0.05
14	Total	\$ 1,076	\$ 148	\$ 1,031	\$ 148	
15	<b>RNS Rate Incremental Impact (\$/kW-Yr)</b>	<b>\$7.61</b>		<b>\$7.99</b>		<b>\$ 0.36</b>

Note: Figures may differ slightly due to rounding.

# 2021 - 2024 Forecast - Disclaimer

*The 2021-2024 forecast herein provides an indicative RNS rate trend; it should be used for illustrative purposes only.*

*The estimated data utilized by the PTO AC to develop this forecast of RNS rates is based upon estimated capital additions provided to the Committee by all the New England Transmission Owners. Estimates for 2021 capital additions will be finalized during the normal course of update to the RNS rate effective June 1, 2021 and will reflect more current information.*

*The PTO AC acknowledges that this 2021-2024 forecast is based on a number of assumptions and variables including, among others, estimated project need, design, scope, labor & materials costs, inflation, site & permitting approvals, transmission in-service dates, estimated carrying charges & coincident peak network loads. It is therefore expected that such estimates and assumptions will change over time as more current data become available.*

*In addition, the 2021-2024 forecast reflects gross costs and does not include assumptions pertaining to savings (e.g., associated with congestion, unlocked capacity, etc.) or prior year true-up adjustments.*

# 2021 - 2024 Forecast - Summary

(A)		(B)	(C)	(D)	(E)
		2021	2022	2023	2024
(1)	Estimated Additions In-Service and CWIP (\$ in Millions)	\$ 1,263	\$ 1,229	\$ 1,159	\$ 1,522
(2)	Forecasted Revenue Requirement (\$ in Millions)	\$ 169	\$ 167	\$ 153	\$ 204
(3)	Estimated RNS Rate Impact (\$/kW-Yr)	\$ 9	\$ 9	\$ 8	\$ 11
(4)	Estimated RNS Rate Forecast (\$/kW-Yr)	\$ 138	\$ 147	\$ 156	\$ 167
(5)	Estimated RNS Rate Forecast (\$/kWh)	\$ 0.022	\$ 0.023	\$ 0.024	\$ 0.026
	<b>Assumes a 55.8%<sup>(1)</sup> Load Factor</b>				

<sup>(1)</sup> ISO-NE Internal Market Monitor 2019 Annual Markets Report

Forecast is preliminary and for illustrative purposes only. Estimates are consistent with the March 2020 RSP and do not reflect revised ISO forecasts. Figures may differ slightly due to rounding.

# 2021 – 2024 Forecast Components

	(A)	(B)	(C)
	Participating Transmission Owner	2021-2024 Projected PTF Additions (including CWIP) (\$ in Millions)	Key Drivers - Major Projects
1	Central Maine Power	\$ 263	NERC Alert Priority III, MPRP Mid-Coast, BES - Portland Area
2	CTMEEC	\$ 5	Line 1280 115-kV Wood Pole and Shield Wire Replacement, Line 1410 115-kV Wood Pole and Shield Wire Replacement
3	Eversource (CL&P)	\$ 921	GHCC New SW Htfd Cable, Manchester SS, 1768 Line Lattice Tower Repl, Structure Refurb & Replace, Transmission Structure Refurb & Replace, EA CT Planning Projects, Card 4x Transformer
4	Eversource (PSNH)	\$ 692	Seacoast Reliability Project, Structure Refurb & Replace, Transmission Structure Refurb & Replace, NH 2029 Study Projects
5	Eversource (NSTAR West)	\$ 334	Pittsfield Greenfield Group II projects, Structure Refurb & Replace, Transmission Structure Refurb & Replace
6	Eversource (NSTAR East)	\$ 1,175	Greater Boston, New Bourne SS, Kingston Station Rebuild, Mystic - Golden Hills Reliab, Sta 131 E. Boston, Structure Refurb & Replace, Transmission Structure Refurb & Replace
7	Holyoke G&E	\$ 1	Replacement of a Section of the 1894 Line relay fiber optic cable
8	MEPCO	\$ 127	Lines 396/3001 Rebuild, Strategic Rebuild
9	National Grid	\$ 1,133	Line Maintenance, NPCC Pilot Scheme Upgrade, SEMA/RI, Asset Condition, Greater Boston, 315 Line Refurbishment
10	NHT	\$ 37	Asset Condition Project IDs 86 and 87 - GIS Bus & Breaker Replacements
11	United Illuminating	\$ 333	Baird to Housatonic River Crossing 88006A - 89006B 115 kV Line Upgrades; Old Town 115/13.8 kV Substation Rebuild; Pequonnock 115kV Substation rebuild with a new substation adjacent to the existing one
12	VT Transco	\$ 152	Structure replacement and substation refurbishment
13	<b>Total</b>	<b>\$ 5,173</b>	

Note: Figures may differ slightly due to rounding.

The Narragansett Electric Company  
d/b/a National Grid  
RIPUC Docket No. 5127  
Attachment DIV 1-3(c)(i)

## Estimated Non-PTF Plant Additions Calendar Year 2021

Non-PTF	CY 2021
Massachusetts	21,603,376
Rhode Island	21,801,278
New Hampshire	19,869,657
Vermont	45,820
<b>Total</b>	<b>63,320,130</b>

Massachusetts	
Project Name	Total
Asset Condition (General)	8,313,332
Line Maintenance	5,131,799
Substation Capacity	4,563,561
Damage Failure	2,640,737
Other	753,262
Relay/Metering/Telecom	194,865
N-192 Cable Relocation	4,348
Western Massachusetts	1,472
<b>Total</b>	<b>21,603,376</b>

New Hampshire	
Project Name	Total
Asset Condition (General)	12,097,015
Substation Capacity	7,772,642
<b>Total</b>	<b>19,869,657</b>

Rhode Island	
Project Name	Total
Substation Capacity	13,711,325
Aquidneck Island (Newport/Jepson)	5,747,639
Asset Condition (General)	1,170,747
Line Maintenance	672,129
Damage Failure	241,438
Other	182,467
Relay/Metering/Telecom	75,533
<b>Total</b>	<b>21,801,278</b>

Vermont	
Project Name	Total
Line Maintenance	45,820
<b>Total</b>	<b>45,820</b>

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
Line No.	Actual Billing Month	Transmission Revenue Requirement	Less: Adjustments made out of period to be excluded for the forecast (a)	Forecasted Transmission Revenue Requirement = (C) - (D): Schedule MVA 7 Line 7	LNS RR Total Transmission Integrated Facilities Credit (Expense) less out of period adjustments: Schedule MVA-7 Line 8	Transmission Revenue Credit: Schedule MVA-7 Line 9	Transmission Plant: Schedule MVA-7 Line 11	Page Reference
1	Dec-2019	13,842,743	-	13,842,743	14,308,559	32,148,469		Page 2 of 13
2	Jan-2020	13,711,292	-	13,711,292	13,587,417	34,505,237		Page 3 of 13
3	Feb-2020	14,688,928	-	14,688,928	13,835,764	33,263,914		Page 4 of 13
4	Mar-2020	14,907,959	-	14,907,959	14,877,488	31,433,008		Page 5 of 13
5	Apr-2020	18,012,854	-	18,012,854	14,207,177	29,781,449		Page 6 of 13
6	May-2020	24,148,656	-	24,148,656	15,262,507	26,711,277		Page 7 of 13
7	Jun-2020	22,226,826	3,983,886	18,242,941	14,728,010	30,334,458		Page 8 of 13
8	Jul-2020	2,756,145	-	2,756,145	14,177,687	45,013,276		Page 9 of 13
9	Aug-2020	938,202	-	938,202	15,169,784	51,628,811		Page 10 of 13
10	Sep-2020	3,173,155	-	3,173,155	17,342,862	50,073,245		Page 11 of 13
11	Oct-2020	9,074,721	-	9,074,721	15,345,710	40,521,717		Page 12 of 13
12	Nov-2020	15,185,077	-	15,185,077	17,422,612	34,347,694	3,114,090,497	Page 13 of 13
<b>Total</b>		<b>152,666,560</b>	<b>3,983,886</b>	<b>148,682,674</b>	<b>180,265,577</b>	<b>439,762,553</b>	<b>3,114,090,497</b>	

**Footnotes**

(a) Adjustments that were removed due to being out of period are related to CY2019 IFA true-ups which can be broken out as follows: \$3,215,531 related to NECO CY2019 IFA true-up, and \$768,355 related to MECO CY2019 IFA true-up

New England Power Company  
 Local Network Service  
**Transmission Investment Base and Transmission Revenue Requirement**  
 Worksheet 1  
 For Costs in the Month of December 2019

Line No.	Transmission Investment Base	(A) Total	(B) Reference	(C) Attachment RR Reference
1	Transmission Plant	2,989,029,264	W/S 3, Line 4(C)	I.A.1.a.
2	Transmission-Related General Plant	5,562,159	W/S 3, Line 10(C)	I.A.1.b.
3	Transmission Plant Held For Future Use	1,026,919	W/S 3, Line 11(C)	I.A.1.c.
4	Transmission-Related Construction Work in Progress	-	W/S 3, Line 12(C)	I.A.1.d.
5	<b>Total Transmission Plant</b>	<u>2,995,618,342</u>	Sum Lines 1 thru 4	
6	Transmission-Related Depreciation Reserve	(573,268,560)	W/S 3, Line 15(C)	I.A.1.e.
7	Transmission-Related Accumulated Deferred Taxes	(360,199,910)	W/S 3, Line 18(C)	I.A.1.f.
8	Transmission-Related Loss on Reacquired Debt	-	W/S 3, Line 22(C)	I.A.1.g.
9	Other Regulatory Assets	(268,234,265)	W/S 3, Line 26(C)	I.A.1.h.
10	Allowance for Funds Used During Construction (AFUDC) Regulatory Liability	(1,753,182)	W/S 3, Line 27(C)	I.A.1.i.
11	Transmission Prepayments	978,945	W/S 3, Line 30(C)	I.A.1.j.
12	Transmission Materials and Supplies	1,468,173	W/S 3, Line 31(C)	I.A.1.k.
13	Transmission-Related Cash Working Capital	12,007,588	W/S 3, Line 36(C)	I.A.1.l.
14	<b>Transmission Investment Base</b>	<u><b>\$ 1,806,617,131</b></u>	Sum of Lines 5 thru 13	I.A.1
<b>Transmission Revenue Requirement</b>				
15	Return and Associated Income Taxes	15,108,599	W/S 2, Line 26(E)	I.A.
16	Transmission Depreciation Expense	4,266,044	W/S 4, Line 6(C)	I.B.
17	Transmission-Related Amortization of Loss on Reacquired Debt	-	W/S 4, Line 7(C)	I.C.
18	Transmission-Related Amortization of Investment Tax Credits	(20,622)	W/S 4, Line 10(C)	I.D.
19	Transmission-Related Amortization of FAS 109	-	W/S 4, Line 11(C)	I.E.
20	Transmission-Related Municipal Tax Expense	4,373,252	W/S 4, Line 14(C)	I.F.
21	Transmission Operation and Maintenance Expense	4,151,666	W/S 4, Line 19(C)	I.G.
22	Transmission-Related Administration and General Expense	3,853,393	W/S 4, Line 23(C)	I.H.
23	Transmission-Related Integrated Facilities Credit	14,308,559	W/S 4, Line 26(C)	I.I.
24	Transmission Revenue Credit	(32,148,469)	W/S 6, Line 15(A)	I.J.
25	Distribution-Related Integrated Facilities Credit	-	W/S 4, Line 27(C)	I.K.
26	Billing Adjustments	-	Attachment 12, if any	I.L.
27	Reactive Power Expense	-	W/S 4, Line 28(C)	I.M.
28	Bad Debt Expense	(49,678)	W/S 4, Line 29(C)	I.N.
29	<b>Transmission Revenue Requirement</b>	<u><b>\$ 13,842,743</b></u>	Sum Lines 15 thru 28	I
30	PTF Transmission Revenue Requirement	\$1,542,783	WS 0, Line 3	
31	Non-PTF Transmission Revenue Requirement	\$12,299,960	Line 29-Line 30	

New England Power Company  
Local Network Service  
Transmission Investment Base and Transmission Revenue Requirement  
Worksheet 1  
For Costs in the Month of January 2020

Line No.	Transmission Investment Base	(A) Total	(B) Reference	(C) Attachment RR Reference
1	Transmission Plant	3,022,127,358	W/S 3, Line 4(C)	I.A.1.a.
2	Transmission-Related General Plant	5,764,325	W/S 3, Line 10(C)	I.A.1.b.
3	Transmission Plant Held For Future Use	1,026,919	W/S 3, Line 11(C)	I.A.1.c.
4	Transmission-Related Construction Work in Progress	-	W/S 3, Line 12(C)	I.A.1.d.
5	<b>Total Transmission Plant</b>	<u>3,028,918,602</u>	Sum Lines 1 thru 4	
6	Transmission-Related Depreciation Reserve	(578,413,749)	W/S 3, Line 15(C)	I.A.1.e.
7	Transmission-Related Accumulated Deferred Taxes	(360,199,910)	W/S 3, Line 18(C)	I.A.1.f.
8	Transmission-Related Loss on Reacquired Debt	-	W/S 3, Line 22(C)	I.A.1.g.
9	Other Regulatory Assets	(268,234,265)	W/S 3, Line 26(C)	I.A.1.h.
10	Allowance for Funds Used During Construction (AFUDC) Regulatory Liability	(1,749,655)	W/S 3, Line 27(C)	I.A.1.i.
11	Transmission Prepayments	125,379	W/S 3, Line 30(C)	I.A.1.j.
12	Transmission Materials and Supplies	2,327,239	W/S 3, Line 31(C)	I.A.1.k.
13	Transmission-Related Cash Working Capital	13,302,073	W/S 3, Line 36(C)	I.A.1.l.
14	<b>Transmission Investment Base</b>	<u>\$ 1,836,075,713</u>	Sum of Lines 5 thru 13	I.A.1
<b>Transmission Revenue Requirement</b>				
15	Return and Associated Income Taxes	15,388,941	W/S 2, Line 26(E)	I.A.
16	Transmission Depreciation Expense	5,647,571	W/S 4, Line 6(C)	I.B.
17	Transmission-Related Amortization of Loss on Reacquired Debt	-	W/S 4, Line 7(C)	I.C.
18	Transmission-Related Amortization of Investment Tax Credits	(20,310)	W/S 4, Line 10(C)	I.D.
19	Transmission-Related Amortization of FAS 109	-	W/S 4, Line 11(C)	I.E.
20	Transmission-Related Municipal Tax Expense	4,719,125	W/S 4, Line 14(C)	I.F.
21	Transmission Operation and Maintenance Expense	5,239,139	W/S 4, Line 19(C)	I.G.
22	Transmission-Related Administration and General Expense	3,628,909	W/S 4, Line 23(C)	I.H.
23	Transmission-Related Integrated Facilities Credit	13,587,417	W/S 4, Line 26(C)	I.I.
24	Transmission Revenue Credit	(34,505,237)	W/S 6, Line 15(A)	I.J.
25	Distribution-Related Integrated Facilities Credit	-	W/S 4, Line 27(C)	I.K.
26	Billing Adjustments	-	Attachment 12, if any	I.L.
27	Reactive Power Expense	-	W/S 4, Line 28(C)	I.M.
28	Bad Debt Expense	25,736	W/S 4, Line 29(C)	I.N.
29	<b>Transmission Revenue Requirement</b>	<u>\$ 13,711,292</u>	Sum Lines 15 thru 28	I
30	PTF Transmission Revenue Requirement	\$670,668	WS 0, Line 3	
31	Non-PTF Transmission Revenue Requirement	\$13,040,624	Line 29-Line 30	

New England Power Company  
Local Network Service  
Transmission Investment Base and Transmission Revenue Requirement  
Worksheet 1  
For Costs in the Month of February 2020

Line No.	Transmission Investment Base	(A) Total	(B) Reference	(C) Attachment RR Reference
1	Transmission Plant	3,030,845,309	W/S 3, Line 4(C)	I.A.1.a.
2	Transmission-Related General Plant	5,750,485	W/S 3, Line 10(C)	I.A.1.b.
3	Transmission Plant Held For Future Use	1,026,919	W/S 3, Line 11(C)	I.A.1.c.
4	Transmission-Related Construction Work in Progress	-	W/S 3, Line 12(C)	I.A.1.d.
5	Total Transmission Plant	<u>3,037,622,712</u>	Sum Lines 1 thru 4	
6	Transmission-Related Depreciation Reserve	(583,510,804)	W/S 3, Line 15(C)	I.A.1.e.
7	Transmission-Related Accumulated Deferred Taxes	(360,199,910)	W/S 3, Line 18(C)	I.A.1.f.
8	Transmission-Related Loss on Reacquired Debt	-	W/S 3, Line 22(C)	I.A.1.g.
9	Other Regulatory Assets	(268,234,265)	W/S 3, Line 26(C)	I.A.1.h.
10	Allowance for Funds Used During Construction (AFUDC) Regulatory Liability	(1,746,128)	W/S 3, Line 27(C)	I.A.1.i.
11	Transmission Prepayments	112,662	W/S 3, Line 30(C)	I.A.1.j.
12	Transmission Materials and Supplies	2,471,104	W/S 3, Line 31(C)	I.A.1.k.
13	Transmission-Related Cash Working Capital	<u>12,043,140</u>	W/S 3, Line 36(C)	I.A.1.l.
14	<b>Transmission Investment Base</b>	<b><u>\$ 1,838,558,510</u></b>	Sum of Lines 5 thru 13	I.A.1
<b>Transmission Revenue Requirement</b>				
15	Return and Associated Income Taxes	15,459,432	W/S 2, Line 26(E)	I.A.
16	Transmission Depreciation Expense	5,701,279	W/S 4, Line 6(C)	I.B.
17	Transmission-Related Amortization of Loss on Reacquired Debt	-	W/S 4, Line 7(C)	I.C.
18	Transmission-Related Amortization of Investment Tax Credits	(20,212)	W/S 4, Line 10(C)	I.D.
19	Transmission-Related Amortization of FAS 109	-	W/S 4, Line 11(C)	I.E.
20	Transmission-Related Municipal Tax Expense	4,300,872	W/S 4, Line 14(C)	I.F.
21	Transmission Operation and Maintenance Expense	3,547,941	W/S 4, Line 19(C)	I.G.
22	Transmission-Related Administration and General Expense	4,480,818	W/S 4, Line 23(C)	I.H.
23	Transmission-Related Integrated Facilities Credit	13,835,764	W/S 4, Line 26(C)	I.I.
24	Transmission Revenue Credit	(33,263,914)	W/S 6, Line 15(A)	I.J.
25	Distribution-Related Integrated Facilities Credit	-	W/S 4, Line 27(C)	I.K.
26	Billing Adjustments	-	Attachment 12, if any	I.L.
27	Reactive Power Expense	-	W/S 4, Line 28(C)	I.M.
28	Bad Debt Expense	646,948	W/S 4, Line 29(C)	I.N.
29	<b>Transmission Revenue Requirement</b>	<b><u>\$ 14,688,928</u></b>	Sum Lines 15 thru 28	I
30	PTF Transmission Revenue Requirement	\$1,873,204	WS 0, Line 3	
31	Non-PTF Transmission Revenue Requirement	\$12,815,724	Line 29-Line 30	

New England Power Company  
Local Network Service  
Transmission Investment Base and Transmission Revenue Requirement  
Worksheet 1  
For Costs in the Month of March 2020

Line No.	Transmission Investment Base	(A) Total	(B) Reference	(C) Attachment RR Reference
1	Transmission Plant	3,039,420,306	W/S 3, Line 4(C)	I.A.1.a.
2	Transmission-Related General Plant	5,762,893	W/S 3, Line 10(C)	I.A.1.b.
3	Transmission Plant Held For Future Use	1,026,919	W/S 3, Line 11(C)	I.A.1.c.
4	Transmission-Related Construction Work in Progress	-	W/S 3, Line 12(C)	I.A.1.d.
5	<b>Total Transmission Plant</b>	<u>3,046,210,118</u>	Sum Lines 1 thru 4	
6	Transmission-Related Depreciation Reserve	(585,655,606)	W/S 3, Line 15(C)	I.A.1.e.
7	Transmission-Related Accumulated Deferred Taxes	(379,023,206)	W/S 3, Line 18(C)	I.A.1.f.
8	Transmission-Related Loss on Reacquired Debt	-	W/S 3, Line 22(C)	I.A.1.g.
9	Other Regulatory Assets	(277,429,896)	W/S 3, Line 26(C)	I.A.1.h.
10	Allowance for Funds Used During Construction (AFUDC) Regulatory Liability	(1,742,601)	W/S 3, Line 27(C)	I.A.1.i.
11	Transmission Prepayments	7,542,396	W/S 3, Line 30(C)	I.A.1.j.
12	Transmission Materials and Supplies	2,809,819	W/S 3, Line 31(C)	I.A.1.k.
13	Transmission-Related Cash Working Capital	12,524,980	W/S 3, Line 36(C)	I.A.1.l.
14	<b>Transmission Investment Base</b>	<u><b>\$ 1,825,236,004</b></u>	Sum of Lines 5 thru 13	I.A.1
<b>Transmission Revenue Requirement</b>				
15	Return and Associated Income Taxes	15,308,190	W/S 2, Line 26(E)	I.A.
16	Transmission Depreciation Expense	3,751,688	W/S 4, Line 6(C)	I.B.
17	Transmission-Related Amortization of Loss on Reacquired Debt	-	W/S 4, Line 7(C)	I.C.
18	Transmission-Related Amortization of Investment Tax Credits	(20,212)	W/S 4, Line 10(C)	I.D.
19	Transmission-Related Amortization of FAS 109	-	W/S 4, Line 11(C)	I.E.
20	Transmission-Related Municipal Tax Expense	4,076,535	W/S 4, Line 14(C)	I.F.
21	Transmission Operation and Maintenance Expense	4,126,187	W/S 4, Line 19(C)	I.G.
22	Transmission-Related Administration and General Expense	4,223,800	W/S 4, Line 23(C)	I.H.
23	Transmission-Related Integrated Facilities Credit	14,877,488	W/S 4, Line 26(C)	I.I.
24	Transmission Revenue Credit	(31,433,008)	W/S 6, Line 15(A)	I.J.
25	Distribution-Related Integrated Facilities Credit	-	W/S 4, Line 27(C)	I.K.
26	Billing Adjustments	-	Attachment 12, if any	I.L.
27	Reactive Power Expense	-	W/S 4, Line 28(C)	I.M.
28	Bad Debt Expense	(2,708)	W/S 4, Line 29(C)	I.N.
29	<b>Transmission Revenue Requirement</b>	<u><b>\$ 14,907,959</b></u>	Sum Lines 15 thru 28	I
30	PTF Transmission Revenue Requirement	\$2,587,095	WS 0, Line 3	
31	Non-PTF Transmission Revenue Requirement	\$12,320,864	Line 29-Line 30	

**New England Power Company  
Local Network Service  
Transmission Investment Base and Transmission Revenue Requirement  
Worksheet 1  
For Costs in the Month of April 2020**

Line No.	Transmission Investment Base	(A) Total	(B) Reference	(C) Attachment RR Reference
1	Transmission Plant	3,044,682,187	W/S 3, Line 4(C)	I.A.1.a.
2	Transmission-Related General Plant	5,763,886	W/S 3, Line 10(C)	I.A.1.b.
3	Transmission Plant Held For Future Use	1,026,919	W/S 3, Line 11(C)	I.A.1.c.
4	Transmission-Related Construction Work in Progress	-	W/S 3, Line 12(C)	I.A.1.d.
5	<b>Total Transmission Plant</b>	<b>3,051,472,992</b>	Sum Lines 1 thru 4	
6	Transmission-Related Depreciation Reserve	(590,418,955)	W/S 3, Line 15(C)	I.A.1.e.
7	Transmission-Related Accumulated Deferred Taxes	(378,499,401)	W/S 3, Line 18(C)	I.A.1.f.
8	Transmission-Related Loss on Reacquired Debt	-	W/S 3, Line 22(C)	I.A.1.g.
9	Other Regulatory Assets	(279,472,724)	W/S 3, Line 26(C)	I.A.1.h.
10	Allowance for Funds Used During Construction (AFUDC) Regulatory Liability	(1,739,074)	W/S 3, Line 27(C)	I.A.1.i.
11	Transmission Prepayments	82,646	W/S 3, Line 30(C)	I.A.1.j.
12	Transmission Materials and Supplies	2,908,837	W/S 3, Line 31(C)	I.A.1.k.
13	Transmission-Related Cash Working Capital	12,546,014	W/S 3, Line 36(C)	I.A.1.l.
14	<b>Transmission Investment Base</b>	<b>\$ 1,816,880,335</b>	Sum of Lines 5 thru 13	I.A.1
<b>Transmission Revenue Requirement</b>				
15	Return and Associated Income Taxes	15,136,850	W/S 2, Line 26(E)	I.A.
16	Transmission Depreciation Expense	5,704,841	W/S 4, Line 6(C)	I.B.
17	Transmission-Related Amortization of Loss on Reacquired Debt	-	W/S 4, Line 7(C)	I.C.
18	Transmission-Related Amortization of Investment Tax Credits	-	W/S 4, Line 10(C)	I.D.
19	Transmission-Related Amortization of FAS 109	-	W/S 4, Line 11(C)	I.E.
20	Transmission-Related Municipal Tax Expense	4,331,243	W/S 4, Line 14(C)	I.F.
21	Transmission Operation and Maintenance Expense	3,828,804	W/S 4, Line 19(C)	I.G.
22	Transmission-Related Administration and General Expense	4,535,205	W/S 4, Line 23(C)	I.H.
23	Transmission-Related Integrated Facilities Credit	14,207,177	W/S 4, Line 26(C)	I.I.
24	Transmission Revenue Credit	(29,781,449)	W/S 6, Line 15(A)	I.J.
25	Distribution-Related Integrated Facilities Credit	-	W/S 4, Line 27(C)	I.K.
26	Billing Adjustments	-	Attachment 12, if any	I.L.
27	Reactive Power Expense	-	W/S 4, Line 28(C)	I.M.
28	Bad Debt Expense	50,182	W/S 4, Line 29(C)	I.N.
29	<b>Transmission Revenue Requirement</b>	<b>\$ 18,012,854</b>	Sum Lines 15 thru 28	I
30	PTF Transmission Revenue Requirement	\$5,358,899	WS 0, Line 3	
31	Non-PTF Transmission Revenue Requirement	\$12,653,955	Line 29-Line 30	

New England Power Company  
Local Network Service  
Transmission Investment Base and Transmission Revenue Requirement  
Worksheet 1  
For Costs in the Month of May 2020

Line No.	Transmission Investment Base	(A) Total	(B) Reference	(C) Attachment RR Reference
1	Transmission Plant	3,046,912,741	W/S 3, Line 4(C)	I.A.1.a.
2	Transmission-Related General Plant	5,763,886	W/S 3, Line 10(C)	I.A.1.b.
3	Transmission Plant Held For Future Use	1,026,919	W/S 3, Line 11(C)	I.A.1.c.
4	Transmission-Related Construction Work in Progress	-	W/S 3, Line 12(C)	I.A.1.d.
5	<b>Total Transmission Plant</b>	<b>3,053,703,546</b>	Sum Lines 1 thru 4	
6	Transmission-Related Depreciation Reserve	(594,669,415)	W/S 3, Line 15(C)	I.A.1.e.
7	Transmission-Related Accumulated Deferred Taxes	(378,499,401)	W/S 3, Line 18(C)	I.A.1.f.
8	Transmission-Related Loss on Reacquired Debt	-	W/S 3, Line 22(C)	I.A.1.g.
9	Other Regulatory Assets	(279,472,724)	W/S 3, Line 26(C)	I.A.1.h.
10	Allowance for Funds Used During Construction (AFUDC) Regulatory Liability	(1,735,548)	W/S 3, Line 27(C)	I.A.1.i.
11	Transmission Prepayments	69,929	W/S 3, Line 30(C)	I.A.1.j.
12	Transmission Materials and Supplies	3,223,253	W/S 3, Line 31(C)	I.A.1.k.
13	Transmission-Related Cash Working Capital	16,831,669	W/S 3, Line 36(C)	I.A.1.l.
14	<b>Transmission Investment Base</b>	<b>\$ 1,819,451,310</b>	Sum of Lines 5 thru 13	I.A.1
<b>Transmission Revenue Requirement</b>				
15	Return and Associated Income Taxes	15,093,547	W/S 2, Line 26(E)	I.A.
16	Transmission Depreciation Expense	5,711,979	W/S 4, Line 6(C)	I.B.
17	Transmission-Related Amortization of Loss on Reacquired Debt	-	W/S 4, Line 7(C)	I.C.
18	Transmission-Related Amortization of Investment Tax Credits	(40,424)	W/S 4, Line 10(C)	I.D.
19	Transmission-Related Amortization of FAS 109	-	W/S 4, Line 11(C)	I.E.
20	Transmission-Related Municipal Tax Expense	4,307,717	W/S 4, Line 14(C)	I.F.
21	Transmission Operation and Maintenance Expense	5,612,689	W/S 4, Line 19(C)	I.G.
22	Transmission-Related Administration and General Expense	5,608,424	W/S 4, Line 23(C)	I.H.
23	Transmission-Related Integrated Facilities Credit	15,262,507	W/S 4, Line 26(C)	I.I.
24	Transmission Revenue Credit	(26,711,277)	W/S 6, Line 15(A)	I.J.
25	Distribution-Related Integrated Facilities Credit	-	W/S 4, Line 27(C)	I.K.
26	Billing Adjustments	-	Attachment 12, if any	I.L.
27	Reactive Power Expense	-	W/S 4, Line 28(C)	I.M.
28	Bad Debt Expense	(696,505)	W/S 4, Line 29(C)	I.N.
29	<b>Transmission Revenue Requirement</b>	<b>\$ 24,148,656</b>	Sum Lines 15 thru 28	I
30	PTF Transmission Revenue Requirement	\$10,629,993	WS 0, Line 3	
31	Non-PTF Transmission Revenue Requirement	\$13,518,662	Line 29-Line 30	

New England Power Company  
Local Network Service  
Transmission Investment Base and Transmission Revenue Requirement  
Worksheet 1  
For Costs in the Month of June 2020

Line No.	Transmission Investment Base	(A) Total	(B) Reference	(C) Attachment RR Reference
1	Transmission Plant	3,070,676,763	W/S 3, Line 4(C)	I.A.1.a.
2	Transmission-Related General Plant	5,667,647	W/S 3, Line 10(C)	I.A.1.b.
3	Transmission Plant Held For Future Use	1,026,919	W/S 3, Line 11(C)	I.A.1.c.
4	Transmission-Related Construction Work in Progress	-	W/S 3, Line 12(C)	I.A.1.d.
5	<b>Total Transmission Plant</b>	<u>3,077,371,329</u>	Sum Lines 1 thru 4	
6	Transmission-Related Depreciation Reserve	(599,802,036)	W/S 3, Line 15(C)	I.A.1.e.
7	Transmission-Related Accumulated Deferred Taxes	(382,057,943)	W/S 3, Line 18(C)	I.A.1.f.
8	Transmission-Related Loss on Reacquired Debt	-	W/S 3, Line 22(C)	I.A.1.g.
9	Other Regulatory Assets	(278,637,567)	W/S 3, Line 26(C)	I.A.1.h.
10	Allowance for Funds Used During Construction (AFUDC) Regulatory Liability	(1,732,021)	W/S 3, Line 27(C)	I.A.1.i.
11	Transmission Prepayments	1,462,414	W/S 3, Line 30(C)	I.A.1.j.
12	Transmission Materials and Supplies	3,405,271	W/S 3, Line 31(C)	I.A.1.k.
13	Transmission-Related Cash Working Capital	12,907,258	W/S 3, Line 36(C)	I.A.1.l.
14	<b>Transmission Investment Base</b>	<u><b>\$ 1,832,916,705</b></u>	Sum of Lines 5 thru 13	I.A.1
<b>Transmission Revenue Requirement</b>				
15	Return and Associated Income Taxes	15,201,100	W/S 2, Line 26(E)	I.A.
16	Transmission Depreciation Expense	5,736,177	W/S 4, Line 6(C)	I.B.
17	Transmission-Related Amortization of Loss on Reacquired Debt	-	W/S 4, Line 7(C)	I.C.
18	Transmission-Related Amortization of Investment Tax Credits	(20,212)	W/S 4, Line 10(C)	I.D.
19	Transmission-Related Amortization of FAS 109	-	W/S 4, Line 11(C)	I.E.
20	Transmission-Related Municipal Tax Expense	4,307,696	W/S 4, Line 14(C)	I.F.
21	Transmission Operation and Maintenance Expense	4,494,889	W/S 4, Line 19(C)	I.G.
22	Transmission-Related Administration and General Expense	4,109,950	W/S 4, Line 23(C)	I.H.
23	Transmission-Related Integrated Facilities Credit	18,711,896	W/S 4, Line 26(C)	I.I.
24	Transmission Revenue Credit	(30,334,458)	W/S 6, Line 15(A)	I.J.
25	Distribution-Related Integrated Facilities Credit	-	W/S 4, Line 27(C)	I.K.
26	Billing Adjustments	-	Attachment 12, if any	I.L.
27	Reactive Power Expense	-	W/S 4, Line 28(C)	I.M.
28	Bad Debt Expense	19,788	W/S 4, Line 29(C)	I.N.
29	<b>Transmission Revenue Requirement</b>	<u><b>\$ 22,226,826</b></u>	Sum Lines 15 thru 28	I
30	PTF Transmission Revenue Requirement	\$8,213,295	WS 0, Line 3	
31	Non-PTF Transmission Revenue Requirement	\$14,013,531	Line 29-Line 30	

New England Power Company  
Local Network Service  
Transmission Investment Base and Transmission Revenue Requirement  
Worksheet 1  
For Costs in the Month of July 2020

Line No.	Transmission Investment Base	(A) Total	(B) Reference	(C) Attachment RR Reference
1	Transmission Plant	3,080,649,155	W/S 3, Line 4(C)	I.A.1.a.
2	Transmission-Related General Plant	5,779,983	W/S 3, Line 10(C)	I.A.1.b.
3	Transmission Plant Held For Future Use	1,026,919	W/S 3, Line 11(C)	I.A.1.c.
4	Transmission-Related Construction Work in Progress	-	W/S 3, Line 12(C)	I.A.1.d.
5	Total Transmission Plant	<u>3,087,456,057</u>	Sum Lines 1 thru 4	
6	Transmission-Related Depreciation Reserve	(604,880,283)	W/S 3, Line 15(C)	I.A.1.e.
7	Transmission-Related Accumulated Deferred Taxes	(382,057,943)	W/S 3, Line 18(C)	I.A.1.f.
8	Transmission-Related Loss on Reacquired Debt	-	W/S 3, Line 22(C)	I.A.1.g.
9	Other Regulatory Assets	(278,637,567)	W/S 3, Line 26(C)	I.A.1.h.
10	Allowance for Funds Used During Construction (AFUDC) Regulatory Liability	(1,728,494)	W/S 3, Line 27(C)	I.A.1.i.
11	Transmission Prepayments	511,624	W/S 3, Line 30(C)	I.A.1.j.
12	Transmission Materials and Supplies	3,785,250	W/S 3, Line 31(C)	I.A.1.k.
13	Transmission-Related Cash Working Capital	<u>12,487,313</u>	W/S 3, Line 36(C)	I.A.1.l.
14	<b>Transmission Investment Base</b>	<b><u>\$ 1,836,935,957</u></b>	Sum of Lines 5 thru 13	I.A.1
<b>Transmission Revenue Requirement</b>				
15	Return and Associated Income Taxes	15,186,890	W/S 2, Line 26(E)	I.A.
16	Transmission Depreciation Expense	5,796,187	W/S 4, Line 6(C)	I.B.
17	Transmission-Related Amortization of Loss on Reacquired Debt	-	W/S 4, Line 7(C)	I.C.
18	Transmission-Related Amortization of Investment Tax Credits	(20,212)	W/S 4, Line 10(C)	I.D.
19	Transmission-Related Amortization of FAS 109	-	W/S 4, Line 11(C)	I.E.
20	Transmission-Related Municipal Tax Expense	4,305,515	W/S 4, Line 14(C)	I.F.
21	Transmission Operation and Maintenance Expense	4,127,562	W/S 4, Line 19(C)	I.G.
22	Transmission-Related Administration and General Expense	4,197,314	W/S 4, Line 23(C)	I.H.
23	Transmission-Related Integrated Facilities Credit	14,177,687	W/S 4, Line 26(C)	I.I.
24	Transmission Revenue Credit	(45,013,276)	W/S 6, Line 15(A)	I.J.
25	Distribution-Related Integrated Facilities Credit	-	W/S 4, Line 27(C)	I.K.
26	Billing Adjustments	-	Attachment 12, if any	I.L.
27	Reactive Power Expense	-	W/S 4, Line 28(C)	I.M.
28	Bad Debt Expense	(1,521)	W/S 4, Line 29(C)	I.N.
29	<b>Transmission Revenue Requirement</b>	<b><u>\$ 2,756,145</u></b>	Sum Lines 15 thru 28	I
30	PTF Transmission Revenue Requirement	(\$9,906,477)	WS 0, Line 3	
31	Non-PTF Transmission Revenue Requirement	\$12,662,623	Line 29-Line 30	

New England Power Company  
Local Network Service  
Transmission Investment Base and Transmission Revenue Requirement  
Worksheet 1  
For Costs in the Month of Aug 2020

Line No.	Transmission Investment Base	(A) Total	(B) Reference	(C) Attachment RR Reference
1	Transmission Plant	3,094,061,598	W/S 3, Line 4(C)	I.A.1.a.
2	Transmission-Related General Plant	5,780,660	W/S 3, Line 10(C)	I.A.1.b.
3	Transmission Plant Held For Future Use	1,026,919	W/S 3, Line 11(C)	I.A.1.c.
4	Transmission-Related Construction Work in Progress	-	W/S 3, Line 12(C)	I.A.1.d.
5	<b>Total Transmission Plant</b>	<u>3,100,869,176</u>	Sum Lines 1 thru 4	
6	Transmission-Related Depreciation Reserve	(609,523,626)	W/S 3, Line 15(C)	I.A.1.e.
7	Transmission-Related Accumulated Deferred Taxes	(382,057,943)	W/S 3, Line 18(C)	I.A.1.f.
8	Transmission-Related Loss on Reacquired Debt	-	W/S 3, Line 22(C)	I.A.1.g.
9	Other Regulatory Assets	(278,637,567)	W/S 3, Line 26(C)	I.A.1.h.
10	Allowance for Funds Used During Construction (AFUDC) Regulatory Liability	(1,724,967)	W/S 3, Line 27(C)	I.A.1.i.
11	Transmission Prepayments	280,449	W/S 3, Line 30(C)	I.A.1.j.
12	Transmission Materials and Supplies	3,582,638	W/S 3, Line 31(C)	I.A.1.k.
13	Transmission-Related Cash Working Capital	13,298,485	W/S 3, Line 36(C)	I.A.1.l.
14	<b>Transmission Investment Base</b>	<u><b>\$ 1,846,086,645</b></u>	Sum of Lines 5 thru 13	I.A.1
<b>Transmission Revenue Requirement</b>				
15	Return and Associated Income Taxes	15,288,836	W/S 2, Line 26(E)	I.A.
16	Transmission Depreciation Expense	5,821,181	W/S 4, Line 6(C)	I.B.
17	Transmission-Related Amortization of Loss on Reacquired Debt	-	W/S 4, Line 7(C)	I.C.
18	Transmission-Related Amortization of Investment Tax Credits	(20,212)	W/S 4, Line 10(C)	I.D.
19	Transmission-Related Amortization of FAS 109	-	W/S 4, Line 11(C)	I.E.
20	Transmission-Related Municipal Tax Expense	4,343,942	W/S 4, Line 14(C)	I.F.
21	Transmission Operation and Maintenance Expense	4,695,086	W/S 4, Line 19(C)	I.G.
22	Transmission-Related Administration and General Expense	4,170,570	W/S 4, Line 23(C)	I.H.
23	Transmission-Related Integrated Facilities Credit	15,169,784	W/S 4, Line 26(C)	I.I.
24	Transmission Revenue Credit	(51,628,811)	W/S 6, Line 15(A)	I.J.
25	Distribution-Related Integrated Facilities Credit	-	W/S 4, Line 27(C)	I.K.
26	Billing Adjustments	2,966,004	WS 8, Line 23(A)	I.L.
27	Reactive Power Expense	-	W/S 4, Line 28(C)	I.M.
28	Bad Debt Expense	131,821	W/S 4, Line 29(C)	I.N.
29	<b>Transmission Revenue Requirement</b>	<u><b>\$ 938,202</b></u>	Sum Lines 15 thru 28	I
30	PTF Transmission Revenue Requirement	(\$13,065,822)	WS 0, Line 3	
31	Non-PTF Transmission Revenue Requirement	\$14,004,024	Line 29-Line 30	

New England Power Company  
Local Network Service  
Transmission Investment Base and Transmission Revenue Requirement  
Worksheet 1  
For Costs in the Month of Sep 2020

Line No.	Transmission Investment Base	(A) Total	(B) Reference	(C) Attachment RR Reference
1	Transmission Plant	3,104,663,545	W/S 3, Line 4(C)	I.A.1.a.
2	Transmission-Related General Plant	5,798,455	W/S 3, Line 10(C)	I.A.1.b.
3	Transmission Plant Held For Future Use	1,026,919	W/S 3, Line 11(C)	I.A.1.c.
4	Transmission-Related Construction Work in Progress	-	W/S 3, Line 12(C)	I.A.1.d.
5	<b>Total Transmission Plant</b>	<u>3,111,488,918</u>	Sum Lines 1 thru 4	
6	Transmission-Related Depreciation Reserve	(612,240,272)	W/S 3, Line 15(C)	I.A.1.e.
7	Transmission-Related Accumulated Deferred Taxes	(384,440,127)	W/S 3, Line 18(C)	I.A.1.f.
8	Transmission-Related Loss on Reacquired Debt	-	W/S 3, Line 22(C)	I.A.1.g.
9	Other Regulatory Assets	(277,927,020)	W/S 3, Line 26(C)	I.A.1.h.
10	Allowance for Funds Used During Construction (AFUDC) Regulatory Liability	(1,721,440)	W/S 3, Line 27(C)	I.A.1.i.
11	Transmission Prepayments	765,237	W/S 3, Line 30(C)	I.A.1.j.
12	Transmission Materials and Supplies	3,855,226	W/S 3, Line 31(C)	I.A.1.k.
13	Transmission-Related Cash Working Capital	15,529,845	W/S 3, Line 36(C)	I.A.1.l.
14	<b>Transmission Investment Base</b>	<u>\$ 1,855,310,367</u>	Sum of Lines 5 thru 13	I.A.1
<b>Transmission Revenue Requirement</b>				
15	Return and Associated Income Taxes	15,396,155	W/S 2, Line 26(E)	I.A.
16	Transmission Depreciation Expense	5,844,522	W/S 4, Line 6(C)	I.B.
17	Transmission-Related Amortization of Loss on Reacquired Debt	-	W/S 4, Line 7(C)	I.C.
18	Transmission-Related Amortization of Investment Tax Credits	(20,212)	W/S 4, Line 10(C)	I.D.
19	Transmission-Related Amortization of FAS 109	-	W/S 4, Line 11(C)	I.E.
20	Transmission-Related Municipal Tax Expense	4,320,488	W/S 4, Line 14(C)	I.F.
21	Transmission Operation and Maintenance Expense	5,937,018	W/S 4, Line 19(C)	I.G.
22	Transmission-Related Administration and General Expense	4,416,212	W/S 4, Line 23(C)	I.H.
23	Transmission-Related Integrated Facilities Credit	17,342,862	W/S 4, Line 26(C)	I.I.
24	Transmission Revenue Credit	(50,073,245)	W/S 6, Line 15(A)	I.J.
25	Distribution-Related Integrated Facilities Credit	-	W/S 4, Line 27(C)	I.K.
26	Billing Adjustments	-	WS 8, Line 23(A)	I.L.
27	Reactive Power Expense	-	W/S 4, Line 28(C)	I.M.
28	Bad Debt Expense	9,356	W/S 4, Line 29(C)	I.N.
29	<b>Transmission Revenue Requirement</b>	<u>\$ 3,173,155</u>	Sum Lines 15 thru 28	I
30	PTF Transmission Revenue Requirement	(\$10,982,594)	WS 0, Line 3	
31	Non-PTF Transmission Revenue Requirement	\$14,155,749	Line 29-Line 30	

New England Power Company  
 Local Network Service  
**Transmission Investment Base and Transmission Revenue Requirement**  
**Worksheet 1**  
**For Costs in the Month of Oct 2020**

Line No.	Transmission Investment Base	(A) Total	(B) Reference	(C) Attachment RR Reference
1	Transmission Plant	3,108,622,569	W/S 3, Line 4(C)	I.A.1.a.
2	Transmission-Related General Plant	5,799,026	W/S 3, Line 10(C)	I.A.1.b.
3	Transmission Plant Held For Future Use	1,026,919	W/S 3, Line 11(C)	I.A.1.c.
4	Transmission-Related Construction Work in Progress	-	W/S 3, Line 12(C)	I.A.1.d.
5	<b>Total Transmission Plant</b>	<u>3,115,448,514</u>	Sum Lines 1 thru 4	
6	Transmission-Related Depreciation Reserve	(617,269,498)	W/S 3, Line 15(C)	I.A.1.e.
7	Transmission-Related Accumulated Deferred Taxes	(384,440,127)	W/S 3, Line 18(C)	I.A.1.f.
8	Transmission-Related Loss on Reacquired Debt	-	W/S 3, Line 22(C)	I.A.1.g.
9	Other Regulatory Assets	(277,927,020)	W/S 3, Line 26(C)	I.A.1.h.
10	Allowance for Funds Used During Construction (AFUDC) Regulatory Liability	(1,717,913)	W/S 3, Line 27(C)	I.A.1.i.
11	Transmission Prepayments	129,927	W/S 3, Line 30(C)	I.A.1.j.
12	Transmission Materials and Supplies	3,836,154	W/S 3, Line 31(C)	I.A.1.k.
13	Transmission-Related Cash Working Capital	13,149,294	W/S 3, Line 36(C)	I.A.1.l.
14	<b>Transmission Investment Base</b>	<u><b>\$ 1,851,209,331</b></u>	Sum of Lines 5 thru 13	I.A.1
<b>Transmission Revenue Requirement</b>				
15	Return and Associated Income Taxes	15,376,033	W/S 2, Line 26(E)	I.A.
16	Transmission Depreciation Expense	5,858,672	W/S 4, Line 6(C)	I.B.
17	Transmission-Related Amortization of Loss on Reacquired Debt	-	W/S 4, Line 7(C)	I.C.
18	Transmission-Related Amortization of Investment Tax Credits	(20,212)	W/S 4, Line 10(C)	I.D.
19	Transmission-Related Amortization of FAS 109	-	W/S 4, Line 11(C)	I.E.
20	Transmission-Related Municipal Tax Expense	4,320,177	W/S 4, Line 14(C)	I.F.
21	Transmission Operation and Maintenance Expense	4,117,045	W/S 4, Line 19(C)	I.G.
22	Transmission-Related Administration and General Expense	4,649,151	W/S 4, Line 23(C)	I.H.
23	Transmission-Related Integrated Facilities Credit	15,345,710	W/S 4, Line 26(C)	I.I.
24	Transmission Revenue Credit	(40,521,717)	W/S 6, Line 15(A)	I.J.
25	Distribution-Related Integrated Facilities Credit	-	W/S 4, Line 27(C)	I.K.
26	Billing Adjustments	-	WS 8, Line 23(A)	I.L.
27	Reactive Power Expense	-	W/S 4, Line 28(C)	I.M.
28	Bad Debt Expense	(50,138)	W/S 4, Line 29(C)	I.N.
29	<b>Transmission Revenue Requirement</b>	<u><b>\$ 9,074,721</b></u>	Sum Lines 15 thru 28	I
30	PTF Transmission Revenue Requirement	(\$4,074,274)	WS 0, Line 3	
31	Non-PTF Transmission Revenue Requirement	\$13,148,995	Line 29-Line 30	

New England Power Company  
 Local Network Service  
**Transmission Investment Base and Transmission Revenue Requirement**  
 Worksheet 1  
 For Costs in the Month of Nov 2020

Line No.	Transmission Investment Base	(A) Total	(B) Reference	(C) Attachment RR Reference
1	Transmission Plant	3,114,090,497	W/S 3, Line 4(C)	I.A.1.a.
2	Transmission-Related General Plant	5,799,215	W/S 3, Line 10(C)	I.A.1.b.
3	Transmission Plant Held For Future Use	1,026,919	W/S 3, Line 11(C)	I.A.1.c.
4	Transmission-Related Construction Work in Progress	-	W/S 3, Line 12(C)	I.A.1.d.
5	Total Transmission Plant	3,120,916,631	Sum Lines 1 thru 4	
6	Transmission-Related Depreciation Reserve	(622,115,291)	W/S 3, Line 15(C)	I.A.1.e.
7	Transmission-Related Accumulated Deferred Taxes	(384,440,127)	W/S 3, Line 18(C)	I.A.1.f.
8	Transmission-Related Loss on Reacquired Debt	-	W/S 3, Line 22(C)	I.A.1.g.
9	Other Regulatory Assets	(277,927,020)	W/S 3, Line 26(C)	I.A.1.h.
10	Allowance for Funds Used During Construction (AFUDC) Regulatory Liability	(1,714,386)	W/S 3, Line 27(C)	I.A.1.i.
11	Transmission Prepayments	118,084	W/S 3, Line 30(C)	I.A.1.j.
12	Transmission Materials and Supplies	4,033,496	W/S 3, Line 31(C)	I.A.1.k.
13	Transmission-Related Cash Working Capital	8,478,039	W/S 3, Line 36(C)	I.A.1.l.
14	<b>Transmission Investment Base</b>	<b>\$ 1,847,349,426</b>	Sum of Lines 5 thru 13	I.A.1
<b>Transmission Revenue Requirement</b>				
15	Return and Associated Income Taxes	15,569,629	W/S 2, Line 26(E)	I.A.
16	Transmission Depreciation Expense	5,867,808	W/S 4, Line 6(C)	I.B.
17	Transmission-Related Amortization of Loss on Reacquired Debt	-	W/S 4, Line 7(C)	I.C.
18	Transmission-Related Amortization of Investment Tax Credits	(20,212)	W/S 4, Line 10(C)	I.D.
19	Transmission-Related Amortization of FAS 109	-	W/S 4, Line 11(C)	I.E.
20	Transmission-Related Municipal Tax Expense	4,517,945	W/S 4, Line 14(C)	I.F.
21	Transmission Operation and Maintenance Expense	1,374,721	W/S 4, Line 19(C)	I.G.
22	Transmission-Related Administration and General Expense	4,277,304	W/S 4, Line 23(C)	I.H.
23	Transmission-Related Integrated Facilities Credit	17,422,612	W/S 4, Line 26(C)	I.I.
24	Transmission Revenue Credit	(34,347,694)	W/S 6, Line 15(A)	I.J.
25	Distribution-Related Integrated Facilities Credit	-	W/S 4, Line 27(C)	I.K.
26	Billing Adjustments	512,400	WS 8, Line 23(A)	I.L.
27	Reactive Power Expense	-	W/S 4, Line 28(C)	I.M.
28	Bad Debt Expense	10,564	W/S 4, Line 29(C)	I.N.
29	<b>Transmission Revenue Requirement</b>	<b>\$ 15,185,077</b>	Sum Lines 15 thru 28	I
30	PTF Transmission Revenue Requirement	\$2,342,884	WS 0, Line 3	
31	Non-PTF Transmission Revenue Requirement	\$12,842,193	Line 29-Line 30	

Division 1-4

Request:

Refer to the direct testimony of the Electric Load Forecasting Panel, p. 287, lines 18-20. Why is the forecast applied in this Annual Retail Rate filing (Docket No. 5127) higher compared to the other two filings (Docket No. 5076 and Docket No. 5098)?

Response:

As way of background, the Commission directed in R.I.P.U.C. Docket No. 5076 that the forecast to be applied in that docket be calculated by taking the average of the forecast the Company released in September 2020 and the 2020 weather-normalized actual. As such, the Company will compare the forecast in this rate filing to the forecast the Company released in September 2020 and to the weather-normalized 2020 actuals.

For the period between April 2021 and December 2021, the net energy forecast in this rate filing increases by 6.6% from the Company's forecast released in September 2020. This increase is due to a higher gross energy forecast and a lower expected net impact from the Distributed Energy Resources (DERs). As discussed in Section III-A of the Company's Electric Load Forecasting's direct testimony, the Company uses a reconstituted method to generate the gross energy forecast and then adjusts it for the impacts from DERs to get the net energy forecast. A higher gross energy forecast and a lower DERs' net impacts both mean a higher net energy forecast. The following discusses the reasons for the higher gross energy forecast and the lower impact from DERs:

- The gross energy forecast for the period between April 2021 and December 2021 increases by 4.3% from the Company's September 2020 release. This is mainly due to a better economic outlook from Moody's economic forecasts released in December 2020. Specifically:
  - Per Capita Income (PCI): Moody's predicts Rhode Island FY2022 PCI will fall by 2.6% from FY2021 (discussed on page 293 of the Company's direct testimony). In comparison, PCI was expected to fall by 5.6% in Moody's September 2020 release.
  - Gross State Product (GDP): Moody's predicts Rhode Island FY2022 GDP will rise by 6.8% from FY2021 (discussed on page 293 of the Company's direct testimony). In comparison, GDP was expected to rise by 4.8% in Moody's September 2020 release.

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- Manufacturing Employment: Moody's predicts Rhode Island's FY2022 manufacturing employment will remain similar to FY2021 (discussed on page 293 of the Company's direct testimony). In comparison, it was expected to decline by 2.4% in Moody's September 2020 release.
- The expected net energy impact from the Distributed Energy Resources (DERs), for the period between April 2021 and December 2021, decreased by 1.4% from the Company's September 2020 release. This is because the Company lowered the expected Energy Efficiency (EE) savings to reflect the new 2021 EE goal approved by the Commission in R.I.P.U.C. Docket No. 5076 and the updated 2020 actual EE savings.

For the period of April to December, the 2020 weather-normalized actual<sup>1</sup> that was used to calculate the forecast in R.I.P.U.C. Docket No. 5076 is 5,137,023,249 kWh. The forecast between April 2021 and December 2021 in this rate filing is 5,264,266,230 kWh, which is higher than the 2020 weather-normalized actual.

The forecast used in PUC Data Request 1-1 in R.I.P.U.C. Docket No. 5098 is the same as that in Docket 5076 for the period between April 2021 to December 2021. The same reasons discussed above explain why the forecast in this rate filing (R.I.P.U.C. Docket No. 5127) is higher. For the period between January 2022 and March 2022, the same forecast as that in this rate filing was used, so there is no difference.

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<sup>1</sup> The December value was the forecast from the Company's September 2020 release because the actual was not available at that time.

Division 1-5

Request:

Refer to the direct testimony of the Electric Load Forecasting Panel, p. 293, lines 13-15 and p. 295, lines 14-16. Please explain why the testimony on p. 293 states that industrial electrical usage decreased in FY 2021 and there is no expected increase in employment in FY 2022 yet on p. 295 has calculated the gross energy of the industrial sector to increase by 3.9%.

Response:

Manufacturing employment has shown a strong positive correlation with the Company's industrial energy and demonstrated statistical significance in the Company's industrial energy forecasting model. It is a good indicator of the overall trend of industrial energy in Rhode Island.

The FY2022 weather-normalized gross industrial energy was developed from a statistical model that relates energy to manufacturing employment, the electric to gas price ratio, and Cooling Degree Days. The estimation of this statistical model relied on long-term and up-to-date historical actuals ranging from January 2003 to January 2021. All variables are statistically significant and the overall model statistics are strong. The 3.9% increase in FY2022 industrial energy from the FY2021 reflects the expected joint impacts from these variables and aligns with the long-term observed relationship between industrial energy and these variables.